

109. (Amended) A computer program product according to claim 105, wherein the sending of a signal is suppressed in dependence on the relationship of the windows.

110. (Amended) A computer program product according to claim 105, further comprising code for sending a signal following a number of drawing operations the number being determined in advance of at least one drawing operation, and being greater than 1, 3, 5, 10, 30, 50, or 100.

111. (Amended) A computer program product according to claim 105, further comprising code for redrawing at least part of the window which may be affected.

114. (Amended) Apparatus according to claim 112 wherein the signal is a signal instructing a client of a window that may be affected by the drawing to redraw at least part of that window.


REMARKS

The claims have been amended to remove multiple dependencies and to provide proper antecedent basis. No amendments have been made for reasons relating to patentability, and no new matter has been introduced by way of this amendment. Full examination and favorable action are requested.

Please apply any charges not covered, or any credits, to Deposit Account 50-0591
(Reference No. 11345.047001).

Respectfully submitted,

Date: 3/26/02



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APPENDIX A – MARKED-UP VERSION OF THE AMENDED CLAIMS

4. (Amended) A method according to Claim 1 [or 2], wherein the window forms part of a screen comprising a window display and the method further comprises combining the window display with a video image.
5. (Amended) A method according to claim 1 [any of the preceding claims], further comprising displaying the window on a television screen.
6. (Amended) A method according to claim 1 [any of the preceding claims], further comprising the steps of:
- defining a [the] size of the window;
 - drawing foreground objects in the window; and
 - arranging the background of the window such that objects underlying the background are visible.
7. (Amended) A method according to Claim 5 [or 6], wherein the step of drawing foreground objects comprises setting foreground pixels to desired values.
8. (Amended) A method according to claim 5 [any of Claims 5 to 7], wherein the foreground objects comprise any or all of a straight line, curved line, box, circle, triangle, and typographical character, and preferably are drawn in at least two draw operations.
9. (Amended) A method according to claim 5 [any of Claims 5 to 8], wherein the foreground objects comprise interactive controls.

10. (Amended) A method according to claim 5 [any of Claims 5 to 9], wherein the step of arranging the background comprises leaving at least one pixel value unaltered in a region defining the background.

11. (Amended) A method according to claim 5 [any of Claims 5 to 10], wherein the step of arranging the background comprises blending at least one pixel value with a pixel value of an underlying image, in a region defining the background.

12. (Amended) A method according to claim 5 [any of Claims 5 to 11], wherein the step of arranging the background comprises leaving at least one foreground pixel unaltered.

13. (Amended) A method according to claim 5 [any of Claims 5 to 12], wherein at least one of the objects underlying the background comprises an element of a web page.

14. (Amended) A method according to claim 5 [any of Claims 5 to 13], further comprising displaying a further window which has a background through which underlying objects are visible.

16. (Amended) A method according to claim 5 [any of the preceding claims], further comprising monitoring drawing in a further window so that drawing in the further window affecting said window can be corrected.

18. (Amended) A method according to claim 17 [Claim 16 or 17], further comprising determining a window which may be affected by the drawing, and sending a signal instructing a client of the window which may be affected to redraw at least part of that window.

20. (Amended) A method according to Claim 18 [or 19]. wherein the signal is sent follow each drawing operation.

23. (Amended) A method according to claim 18 [any of claims 18 to 22], wherein the signal is sent from a window manager.
24. (Amended) A method according to claim 18 [any of claims 18 to 22], wherein the signal is sent from a client of a window, and is [preferably] sent by the client which carried out the drawing, and [preferably] sent to a window manager.
25. (Amended) A method according to Claim 23 [or 24], further comprising making information relating to the transparency of the window available to the window manager.
27. (Amended) A method according to Claim 25 [or 26], further comprising sending the information to the window manager, [preferably] in a message or via a function call.
28. (Amended) A method according to claim 25 [any of claims 25 to 27], wherein the sending of a signal is suppressed in dependence on the information.
29. (Amended) A method according to claim 18 [any of Claims 18 to 26], wherein the sending of a signal is suppressed in dependence on the relationship of the windows.
30. (Amended) A method according to claim 18 [any of Claims 18 to 29] further comprising sending a signal following a number of drawings operations, the number preferably being determined in advance of at least one drawing operation, and preferably being greater than 1, 3, 5, 10, 30, 50 or 100.
31. (Amended) A method according to claim 17 [any of Claims 16 to 30], further comprising redrawing at least part of the window which may be affected.

34. (Amended) A method according to Claim 32 [or 33] wherein the signal is a signal instructing a client of a window that may be affected by the drawing to redraw at least part of that window.

41. (Amended) A receiver/decoder according to claim 40 [41], further comprising means [(typically in the form of a processor)] for drawing a frame of the window.

42. (Amended) A receiver/decoder according to Claim 40 [or 41], wherein the displaying means is adapted to display a window which forms part of a screen comprising a window display, and further comprising means for combining the window display with a video image.

43. (Amended) A receiver/decoder according to claim 40 [any of claims 40 to 42], wherein the displaying means is adapted to display the window on a television screen.

44. (Amended) A receiver/decoder according to claim 40 [any of claims 40 to 43], further comprising:

means [(typically in the form of a processor)] for defining the size of the window;

means [(typically in the form of a processor)] for drawing foreground objects in the window; and

means [(typically in the form of a processor)] for arranging the background of the window.

46. (Amended) A receiver/decoder according to Claim 44 [or 45], wherein the means for drawing foreground objects is adapted to set foreground pixels to desired values.

47. (Amended) A receiver/decoder according to claim 44 [any of claims 44 to 46], wherein the foreground objects comprise any or all of a straight line, curved line, box, circle, triangle, and typographical character, and [preferably] are adapted to be drawn in at least two operations.

48. (Amended) A receiver/decoder according to claim 44 [any of claims 44 to 47], wherein the foreground objects comprise interactive controls.

49. (Amended) A receiver/decoder according to claim 44 [any of claims 44 to 48], wherein the arranging means is adapted to leave at least one pixel value unaltered in a region defining the background.

50. (Amended) A receiver/decoder according to claim 44 [any of claims 44 to 49], wherein the arranging means is adapted to blend at least one pixel value with a pixel value of an underlying image, in a region defining the background.

51. (Amended) A receiver/decoder according to claim 44 [any of claims 44 to 49], wherein the arranging means is adapted to leave at least one foreground pixel unaltered.

52. (Amended) A receiver/decoder according to claim 44 [any of claims 44 to 51], wherein at least one of the objects underlying the background comprises an element of a web page.

53. (Amended) A receiver/decoder according to claim 44 [any of claims 44 to 52], further comprising means [(typically in the form of a processor)] for displaying a further window which has a background through which underlying objects are visible.

55. (Amended) A receiver/decoder according to claim 44 [any of the preceding claims], further comprising means [(typically in the form of a processor)] for monitoring drawing in a further window so that drawing in the further window affecting said window can be corrected.

57. (Amended) A receiver/decoder according to Claim 55 [or 56], further comprising means for determining a window which may be affected by the drawing, and for sending a signal instructing a client of the window which may be affected to redraw at least part of that window.

59. (Amended) A receiver/decoder according to Claim 57 [or 58], wherein the signal is sent following each drawing operation.

62. (Amended) A receiver/decoder according to claim 57 [any of claims 57 to 61], wherein the signal is sent from a window manager.

63. (Amended) A receiver/decoder according to claim 57 [any of claims 57 to 61], wherein the signal is sent from a client of a window, and is [preferably] sent by the client which carried out the drawing, and is [preferably] sent to a window manager.

64. (Amended) A receiver/decoder according to Claim 62 [or 63], further comprising means for making information relating to the transparency of the window available to the window manager.

66. (Amended) A receiver/decoder according to Claim 64 [or 65], further comprising means for sending the information to the window manager, [preferably] in a message or via a function call.

67. (Amended) A receiver/decoder according to claim 64 [any of claims 64 to 66], wherein the sending of a signal is suppressed in dependence on the information.

68. (Amended) A receiver/decoder according to claim 57 [any of claims 57 to 66], wherein the sending of a signal is suppressed in dependence on the relationship of the windows.

69. (Amended) A receiver/decoder according to claim 57 [any of claims 57 to 68], further comprising means for sending a signal following a number of drawing operations, the number [preferably] being determined in advance of at least one drawing operation, and [preferably] being greater than 1, 3, 5, 10, 30, 50, or 100.

70. (Amended) A receiver/decoder according to claim 55 [any of claims 55 to 69], further comprising means for redrawing at least part of the window which may be affected.

73. (Amended) Apparatus according to claim 71 [or 72] wherein the signal is a signal instructing a client of a window that may be affected by the drawing to redraw at least part of that window.

83. (Amended) A computer program product according to claim 81 [or 82], wherein the displaying code is adapted to display a window which forms part of a screen comprising a window display, and further comprising code for combining the window display with a video image.

84. (Amended) A computer program product according to claim 81 [any of claims 81 to 83], wherein the displaying code is adapted to display the window on a television screen.

85. (Amended) A computer program according to claim 81 [any of claims 81 to 84], further comprising:

code for defining the size of the window;

code for drawing foreground objects in the window; and

code for arranging the background of the window.

87. (Amended) A computer program product according to claim 85 [or 86], wherein the code for drawing foreground objects is adapted to set foreground pixels to desired values.

88. (Amended) A computer program product according to claim 84 [any of claims 84 to 87], wherein the foreground objects comprise any or all of a straight line, curved line, box, circle, triangle and typographical character, and preferably are adapted to be drawn in at least two draw operations.

89. (Amended) A computer program product according to claim 84 [any of claims 84 to 88], wherein the arranging code is adapted to leave at least one pixel value unaltered in a region defining the background.

90. (Amended) A computer program product according to claim 84 [any of claims 84 to 89], wherein the arranging code is adapted to leave at least one pixel value unaltered in a region defining the background.

91. (Amended) A computer program product according to claim 84 [any of claims 84 to 90], wherein the arranging code is adapted to leave at least one pixel value unaltered in a region defining the background.

92. (Amended) A computer program product according to claim 84 [any of claims 84 to 91], wherein the arranging code is adapted to leave at least one foreground pixel unaltered.

93. (Amended) A computer program product according to claim 84 [any of claims 84 to 92], wherein at least one of the objects underlying the background comprises an element of a web page.

94. (Amended) A computer program product according to claim 84 [any of claims 84 to 93], further comprising code for displaying a further window which has a background through which underlying objects are visible.

96. (Amended) A computer program product according to claim 84 [any of the preceding claims], further comprising code for monitoring drawing in a further window so that drawing in the further window affecting said window can be corrected.

98. (Amended) A computer program product according to claim 96 [or 97], further comprising code for determining a window which may be affected by the drawing, and for sending a signal instructing a client of the window which may be affected to redraw at least part of that window.

100. (Amended) A computer program product according to claim 98 [or 99], wherein the signal is sent following each drawing operation.

103. (Amended) A computer program product according to claim 102 [any of claims 98 to 102], wherein the signal is sent from a window manager.

104. (Amended) A computer program product according to claim 102 [any of claims 98 to 102], wherein the signal is sent from a client of a window, and is [preferably] sent by the client which carried out the drawing, and is [preferably] sent to a window manager.

105. (Amended) A computer program product according to claim 103 [or 104], further comprising code for making information relating to the transparency of the window available to the window manager.

107. (Amended) A computer program product according to claim 105 [or 106], further comprising code for sending the information to the window manager, [preferably] in a message or via a function call.

108. (Amended) A computer program product according to claim 105 [any of claims 105 to 107], wherein the sending of a signal is suppressed in dependence on the information.

109. (Amended) A computer program product according to claim 105 [any of claims 98 to 107], wherein the sending of a signal is suppressed in dependence on the relationship of the windows.

110. (Amended) A computer program product according to claim 105 [any of claims 98 to 109], further comprising code for sending a signal following a number of drawing operations the number [preferably] being determined in advance of at least one drawing operation, and [preferably] being greater than 1, 3, 5, 10, 30, 50, or 100.

111. (Amended) A computer program product according to claim 105 [any of claims 96 to 110], further comprising code for redrawing at least part of the window which may be affected.

114. (Amended) Apparatus according to claim 112 [or 113] wherein the signal is a signal instructing a client of a window that may be affected by the drawing to redraw at least part of that window.